

Fig. 1B

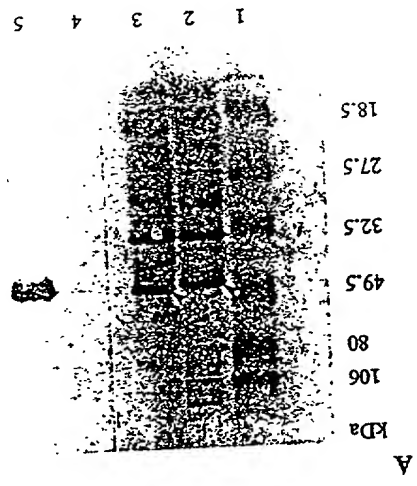


Fig. 1A

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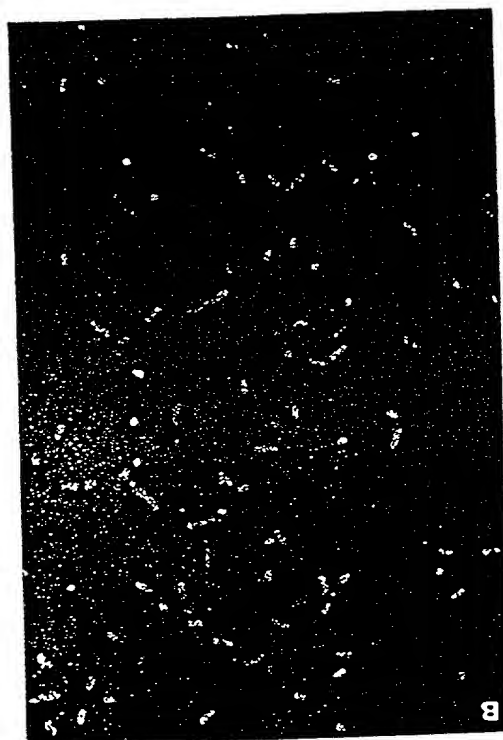
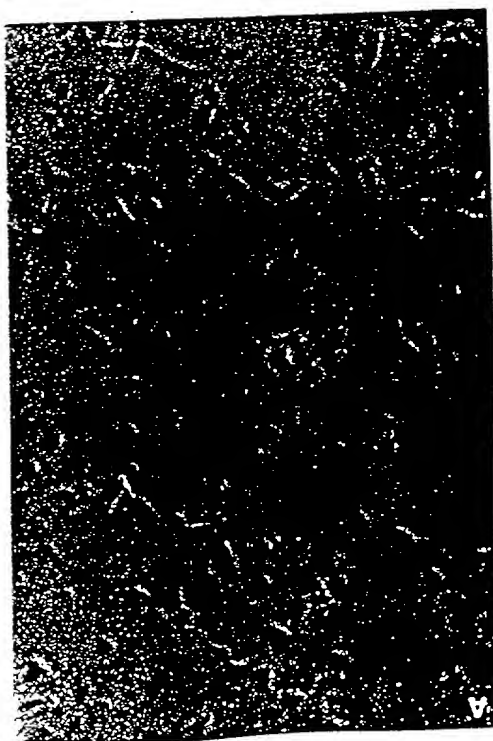


Fig. 2B



154. 2A

FIG. 3A-3G

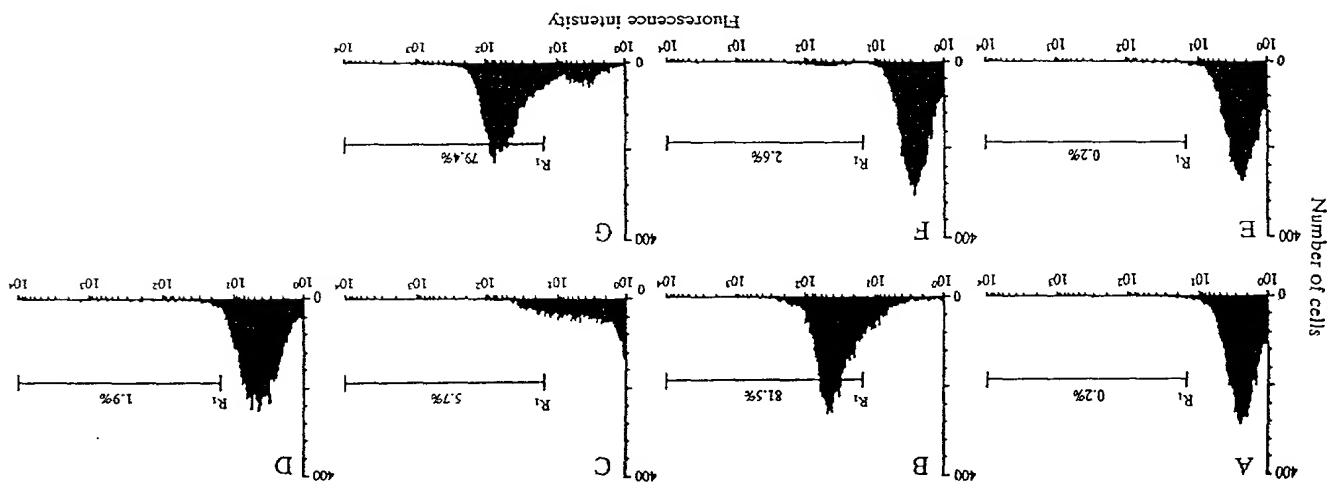


FIG. 3A-3G. Flow cytometry histograms showing the distribution of cells (Y-axis, 0 to 400) versus fluorescence intensity (X-axis, 0 to 10⁴). The histograms are labeled A through G. Each histogram includes a gate labeled R₁ and a percentage value indicating the proportion of cells in that gate.

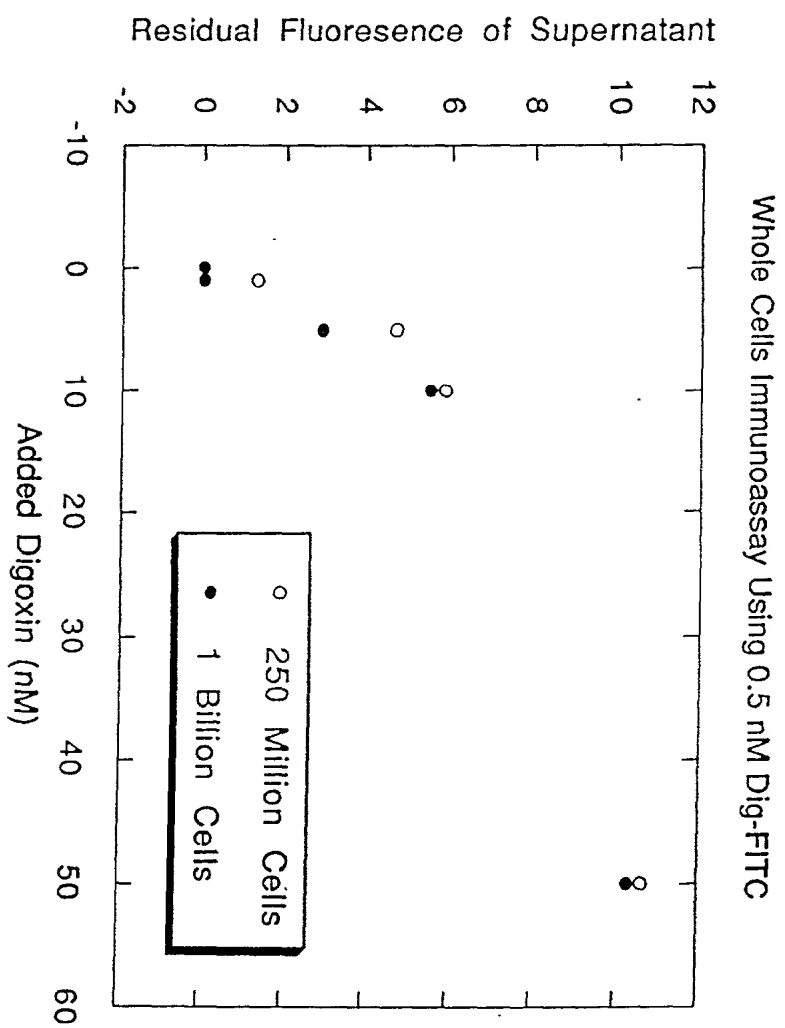


Fig. 4

FIG. 5A

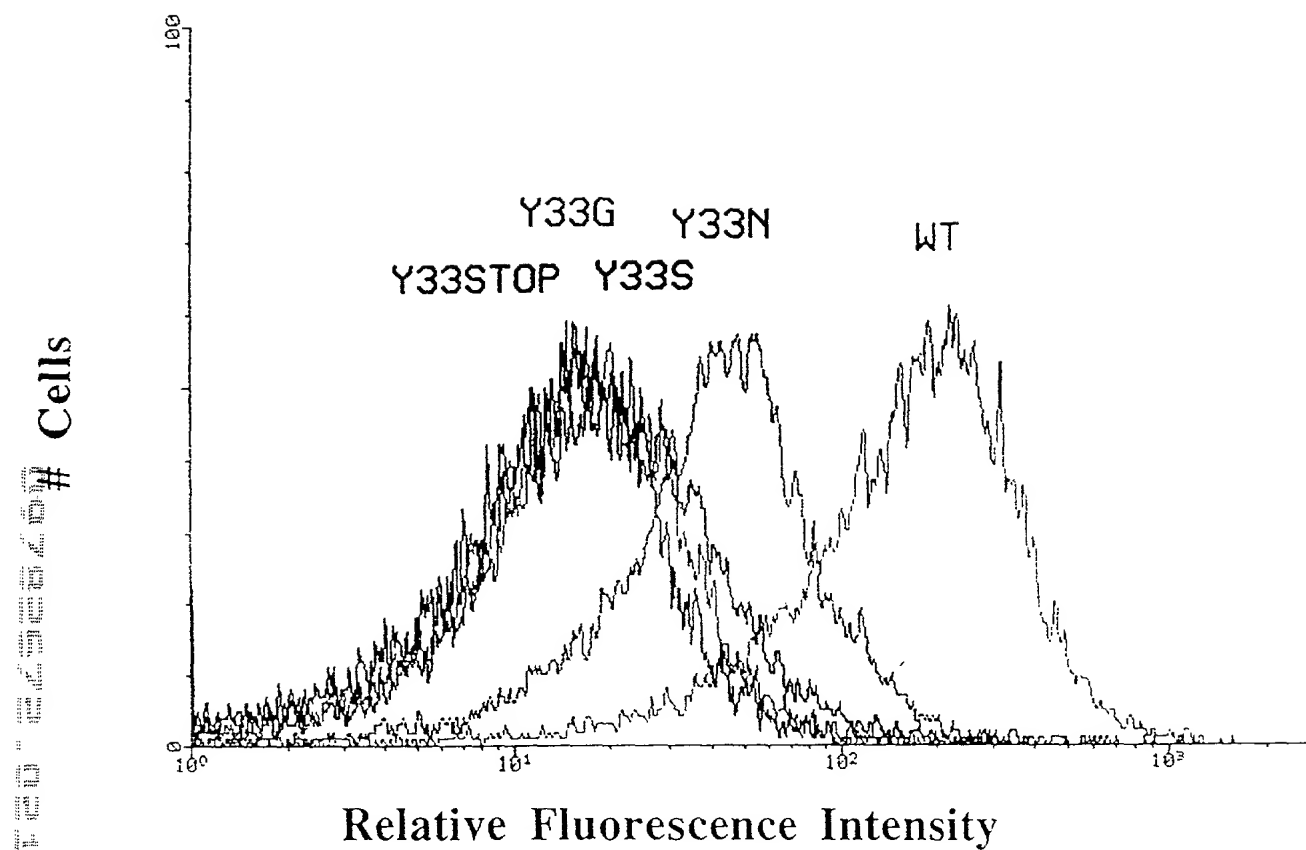


FIG. 5B

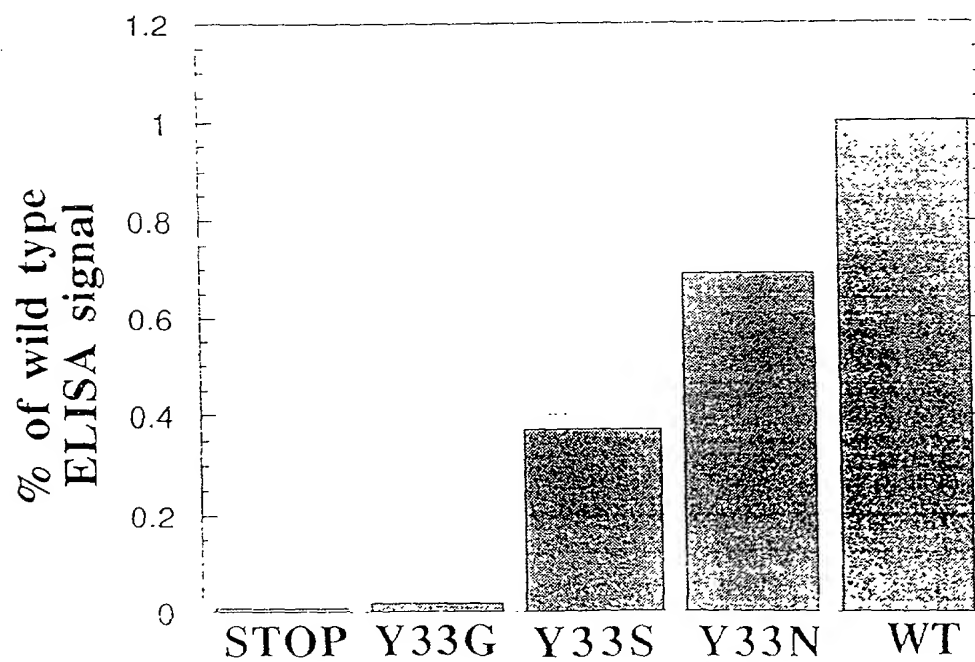
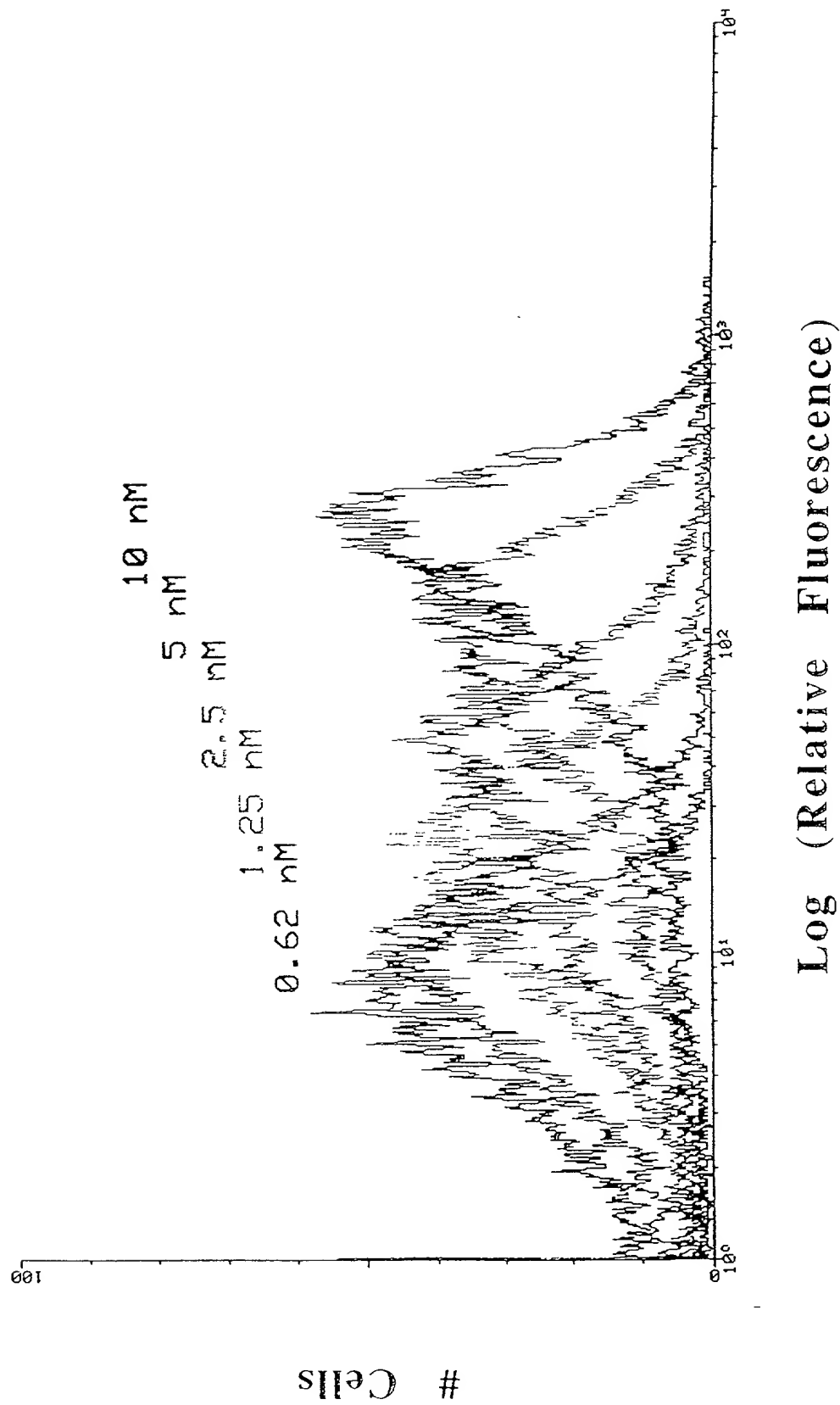


Fig. 6A



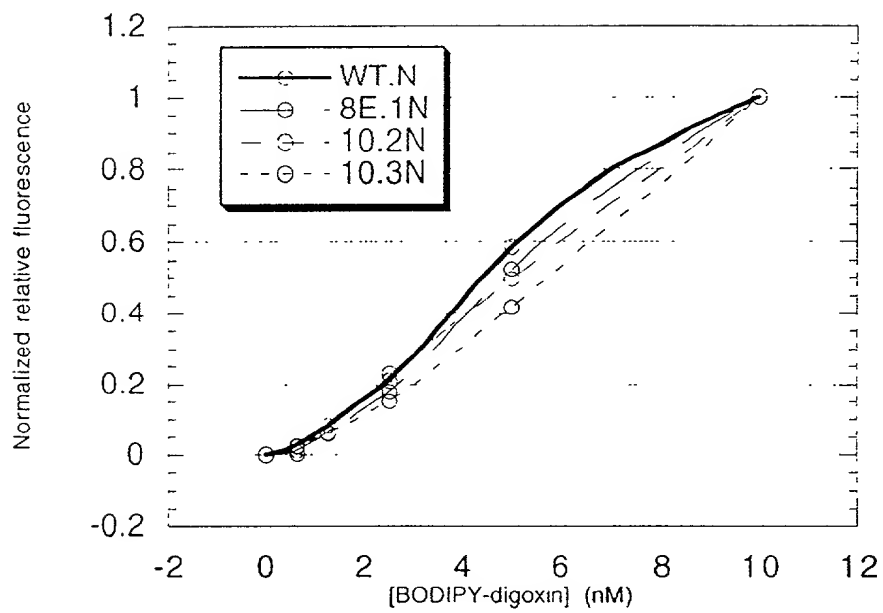


Fig. 6B

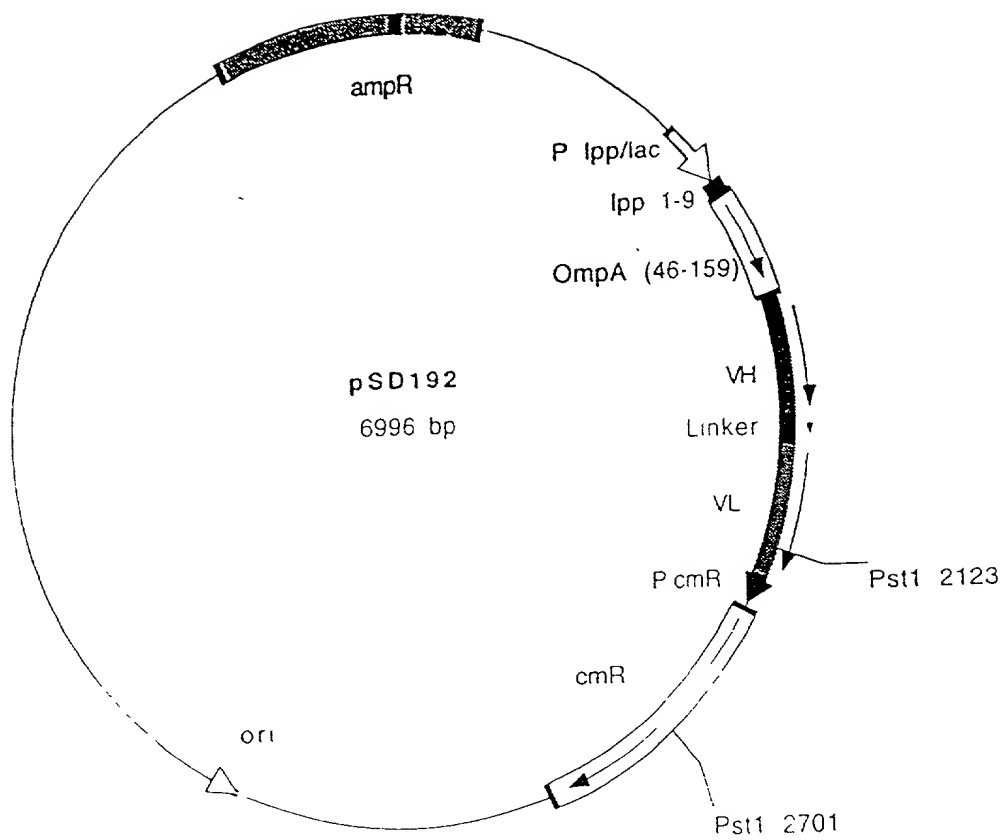
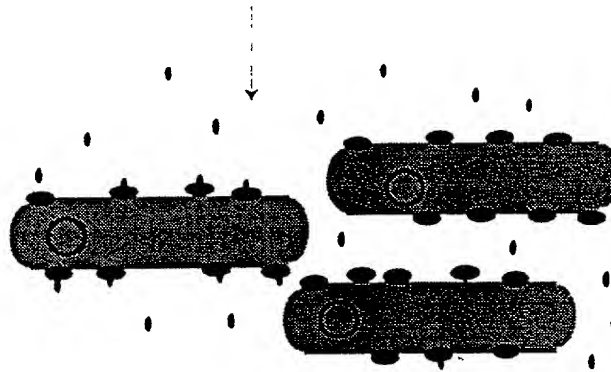


FIG. 7

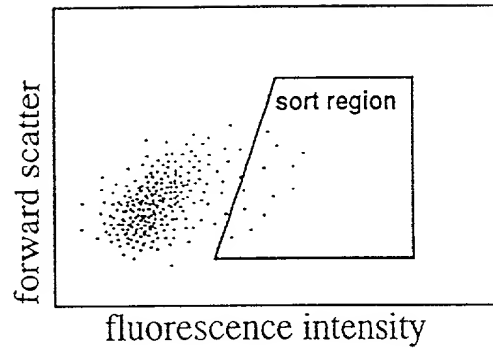
Fig. 8

1. transform plasmid
scFv library and
amplify by growth

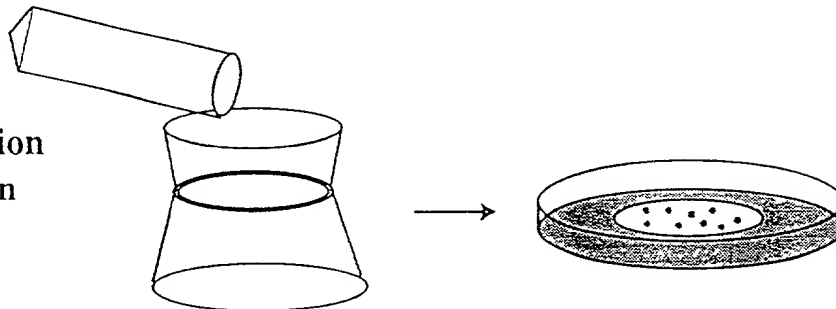
2. incubate antibody-
expressing cells with
fluorescently tagged
antigen



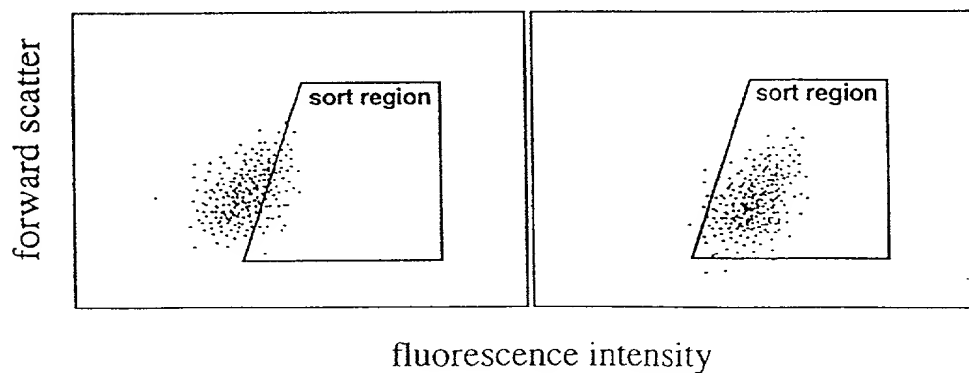
3. sort high - fluorescence
cells by FACS



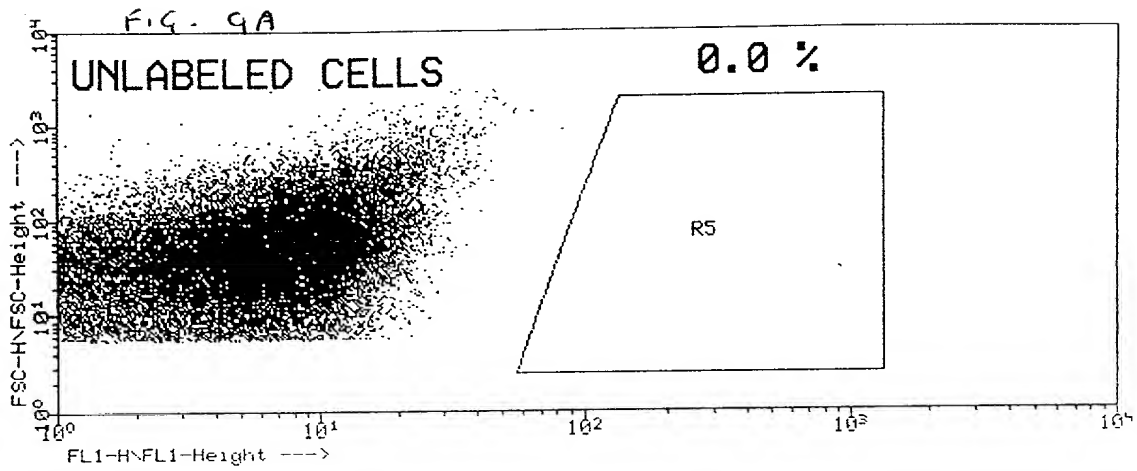
4. collect sorted
cells by filtration
and amplify on
an agar plate



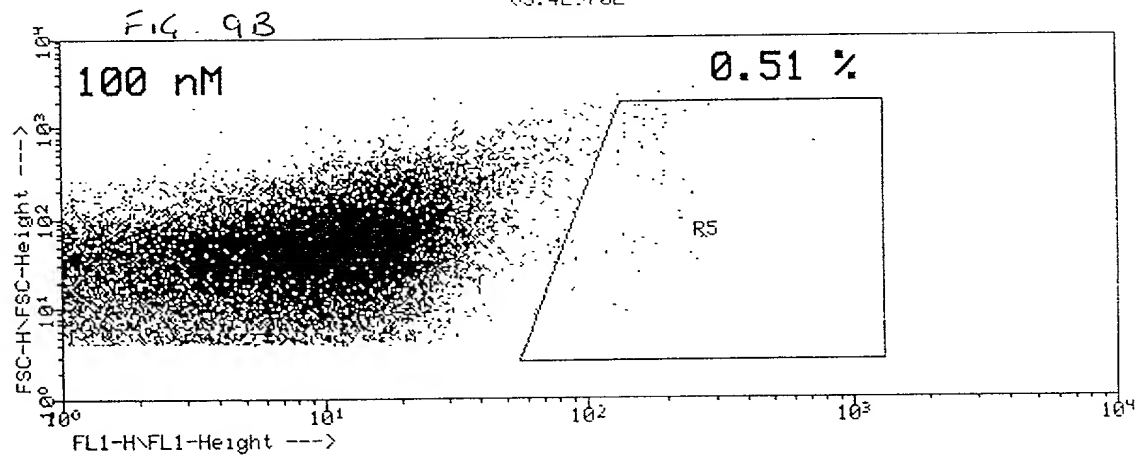
5. assay colonies for high-
affinity antigen binding
by flow cytometry



U3:429702



U3:429702



U3:PD83

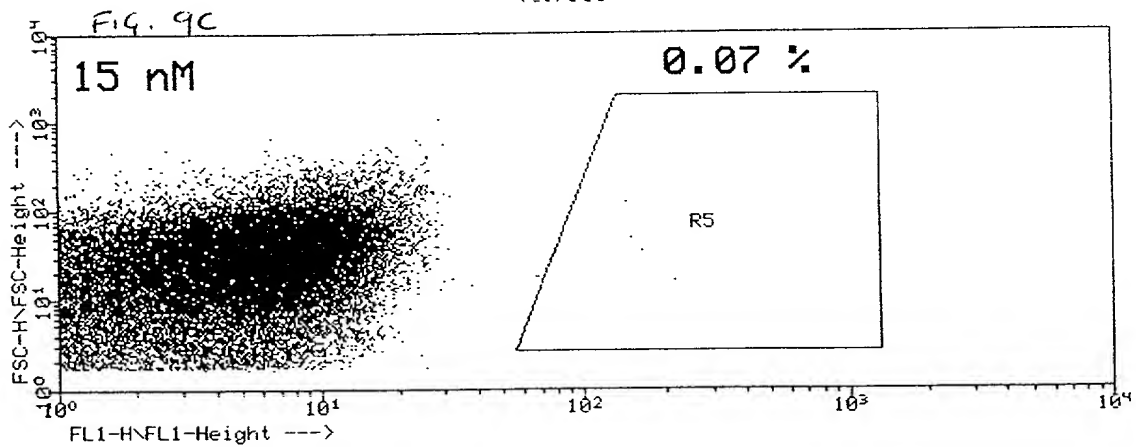


FIG. 9D

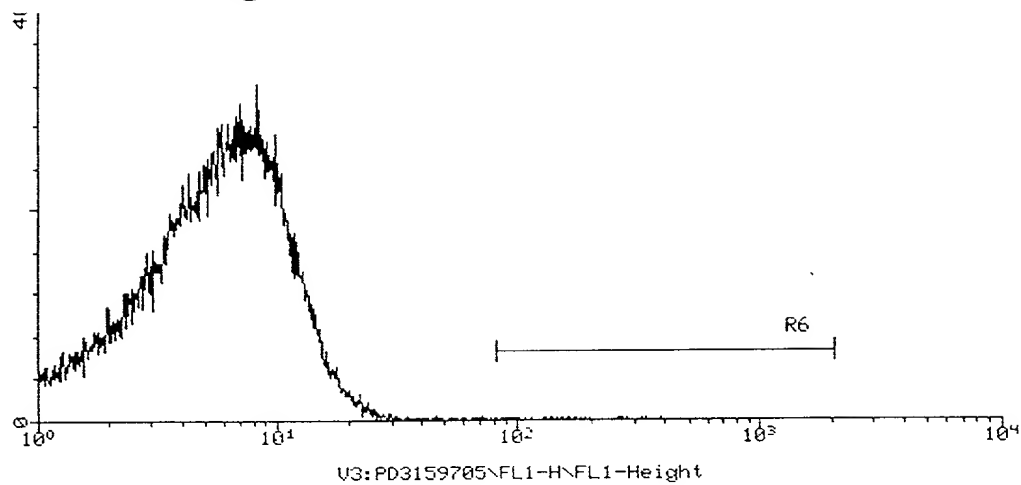


FIG. 9E

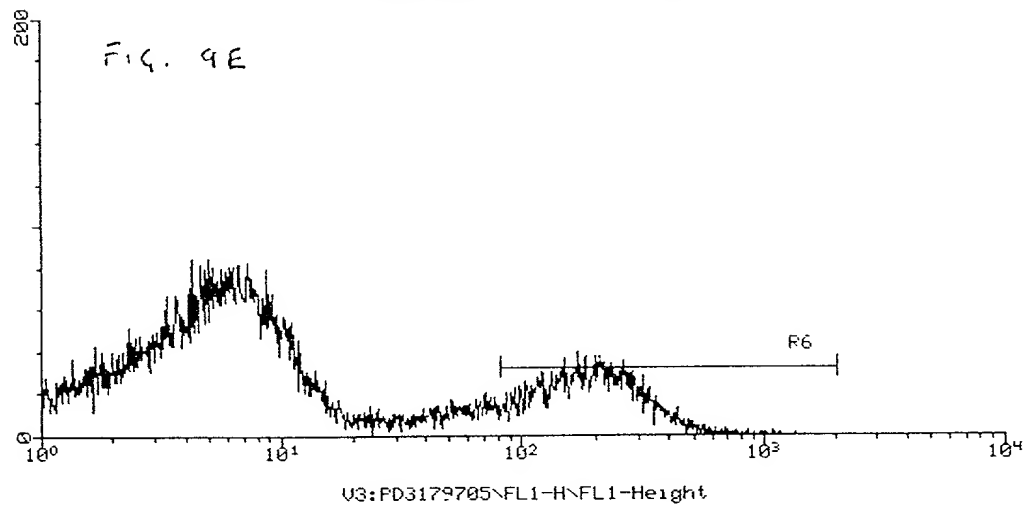
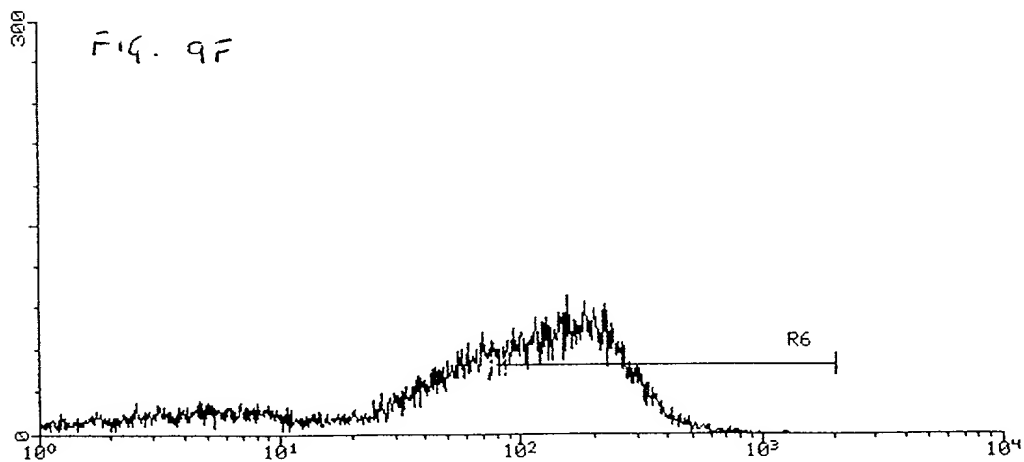
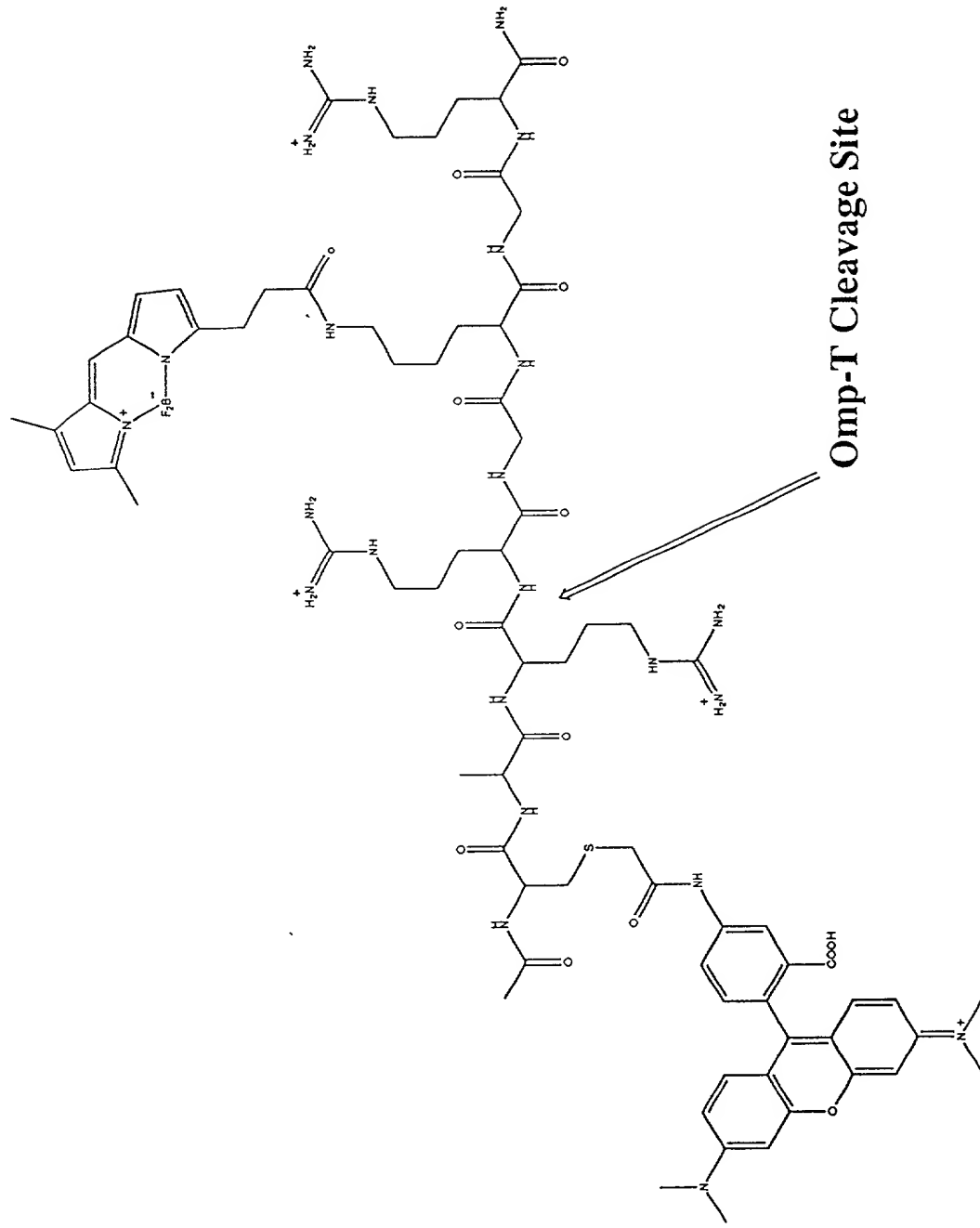


FIG. 9F



0-4-14

TETRAMETHYL RHODAMINE-BODIPY SUBSTRATE



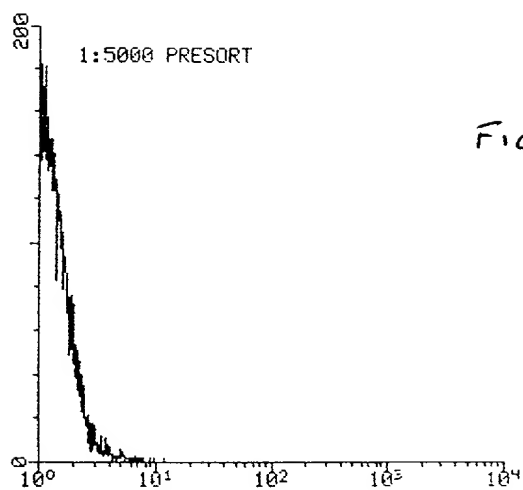


Fig. 12A

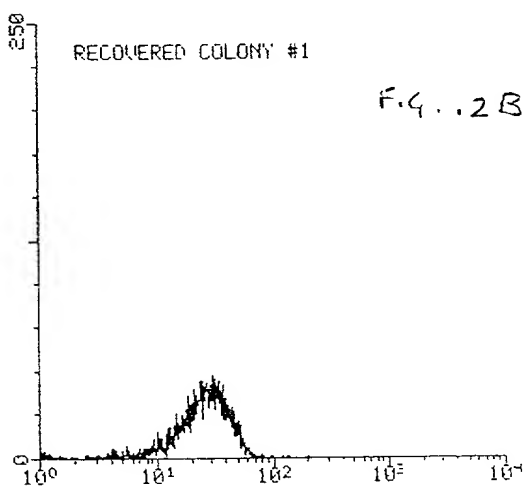


Fig. 12B

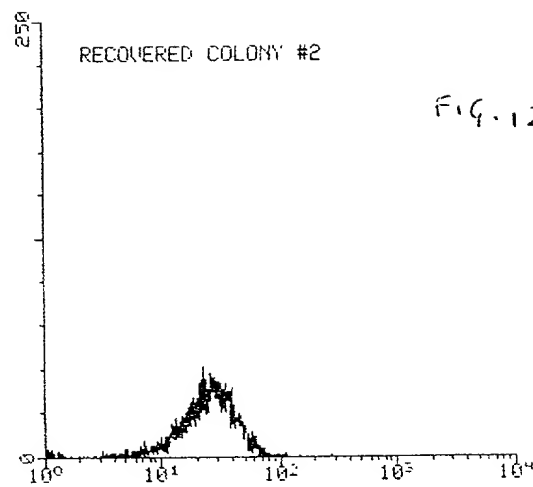


Fig. 12C